



DATA SYSTEM HAVING A VIRTUAL QUEUE

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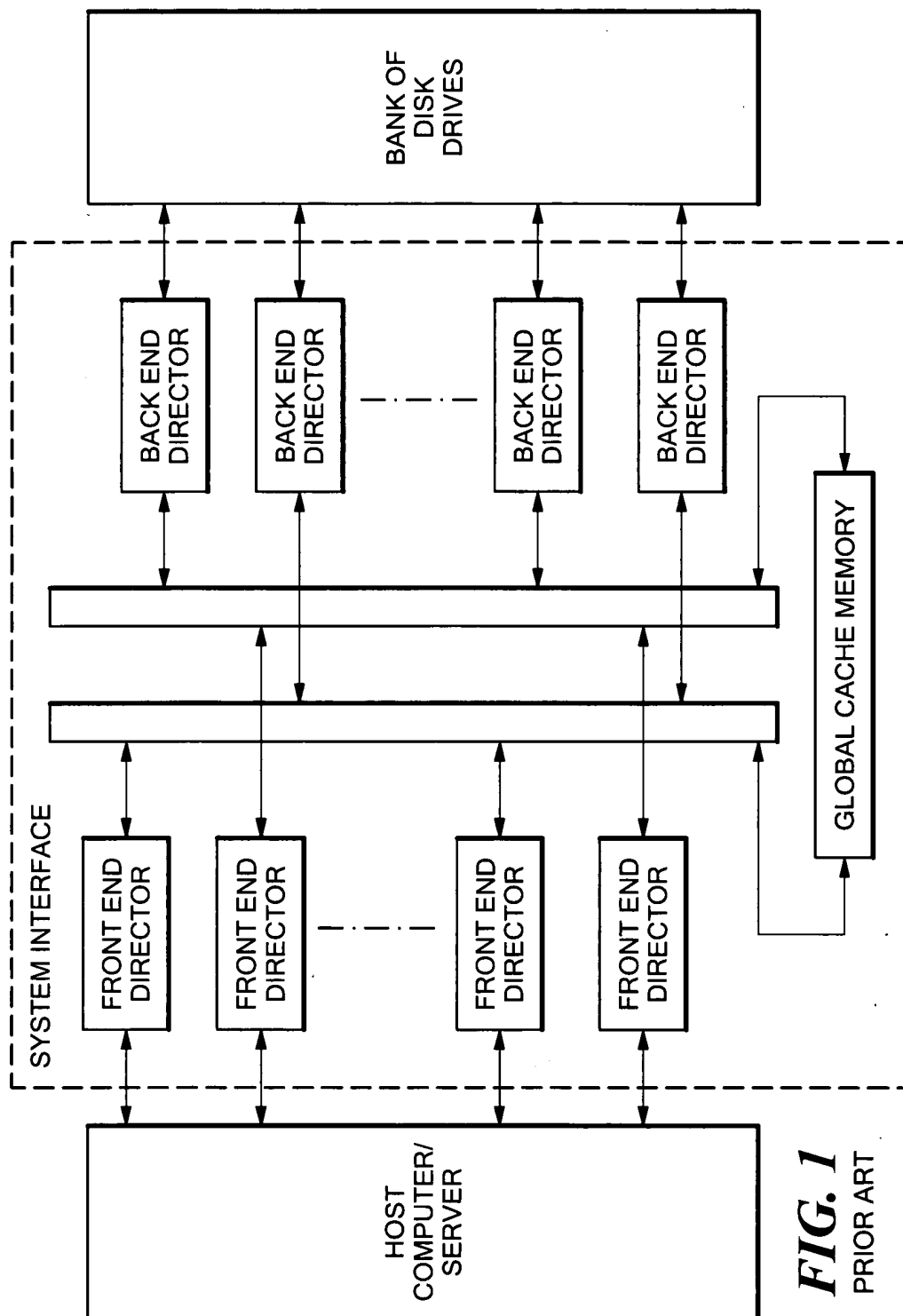


FIG. 1
PRIOR ART

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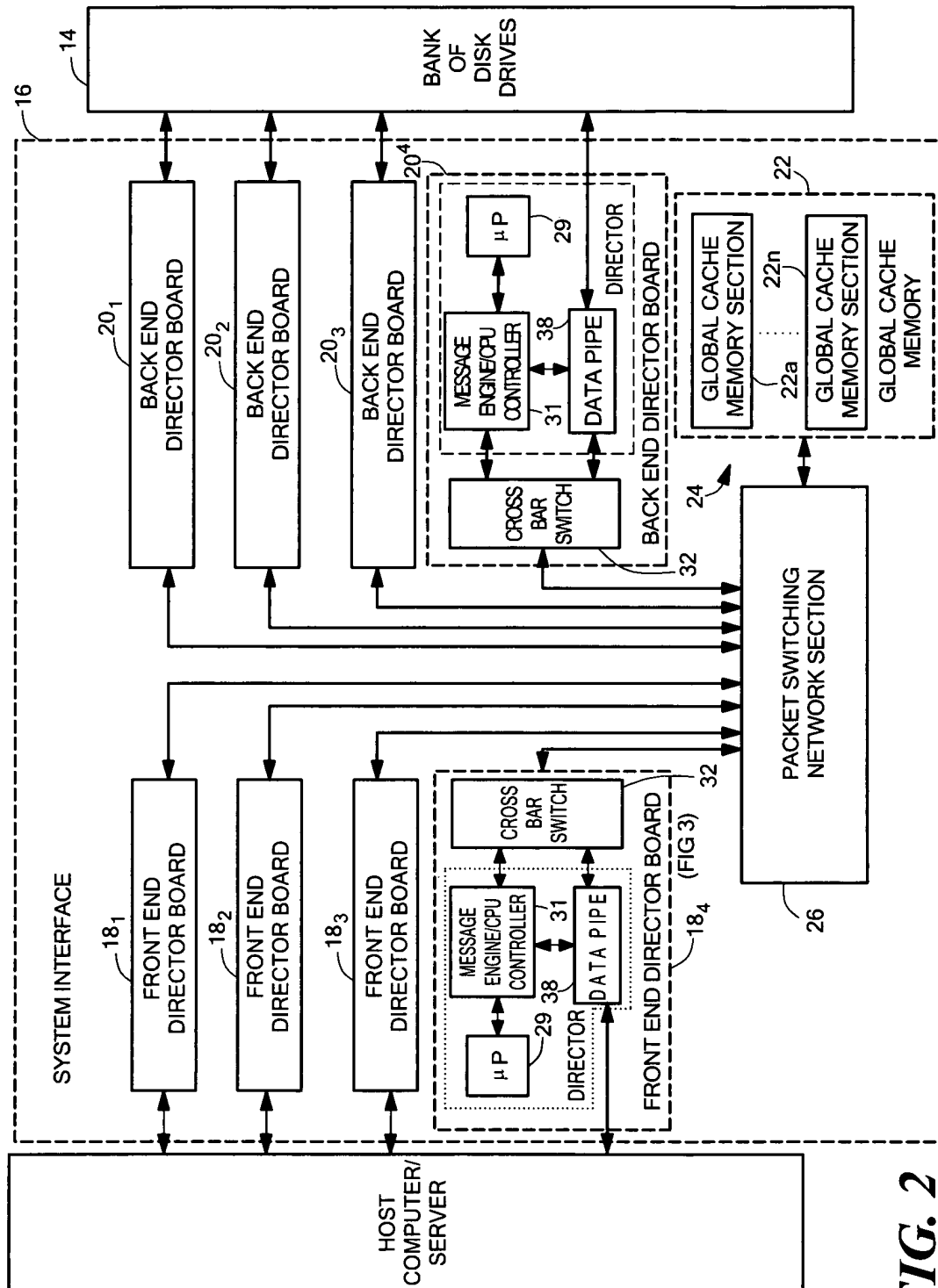


FIG. 2

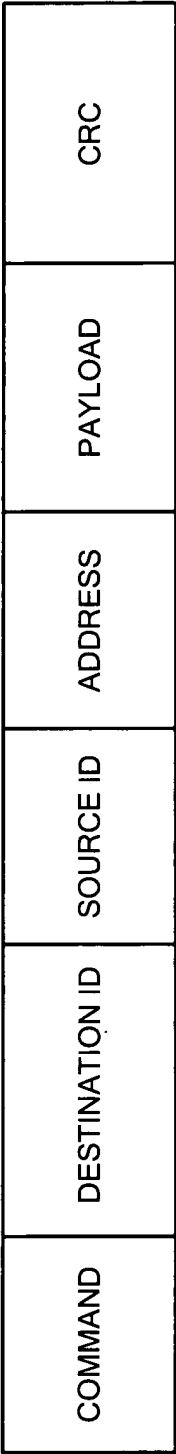


FIG. 2A

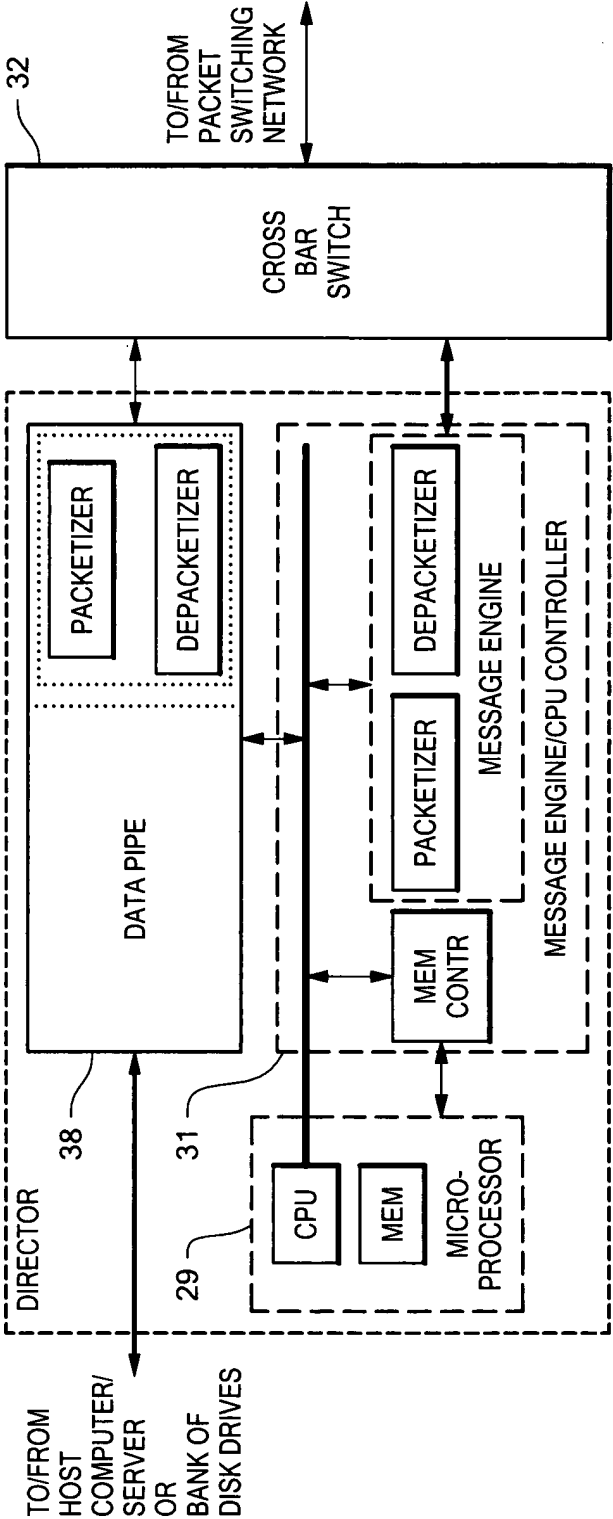


FIG. 3

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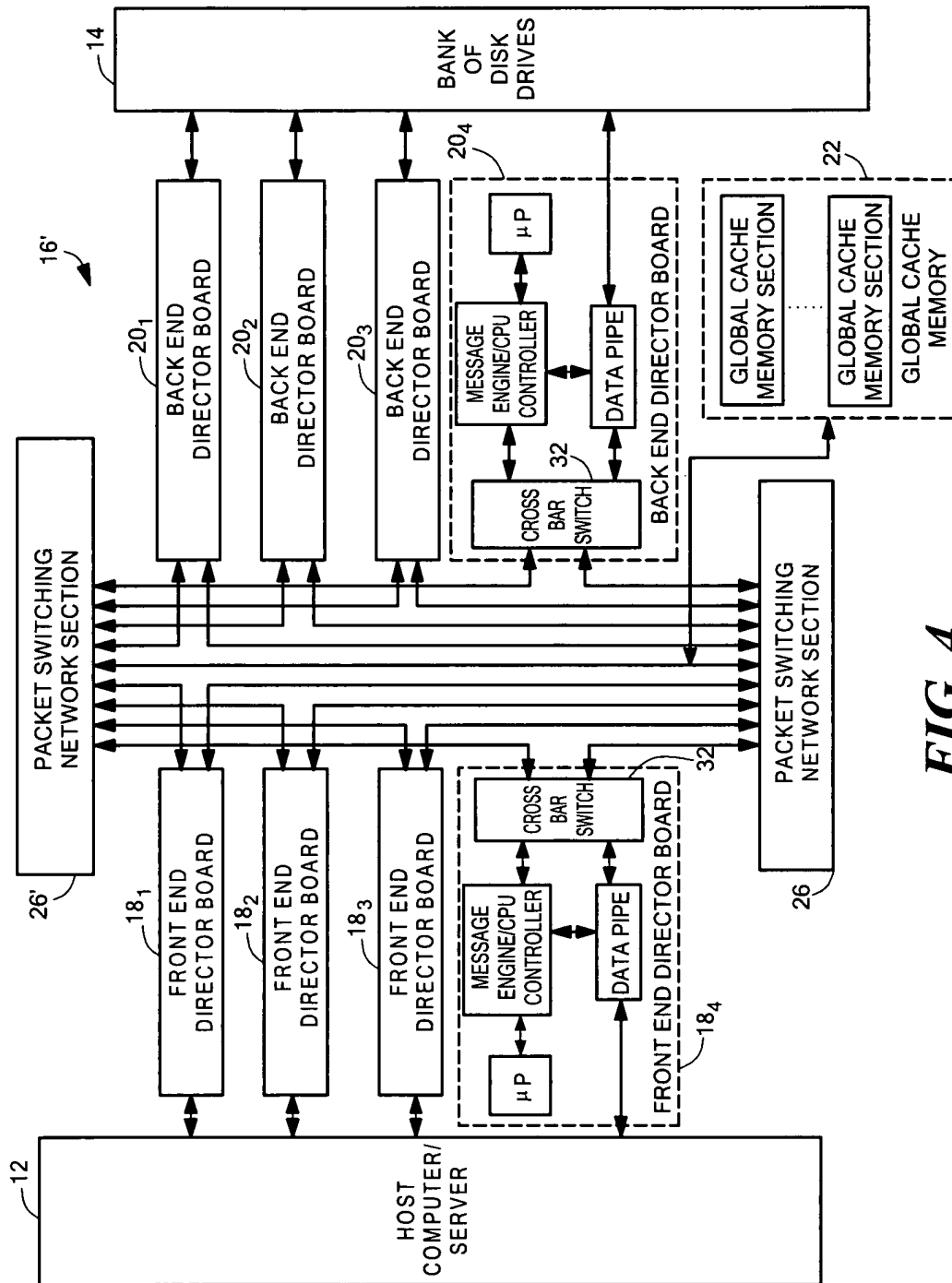


FIG. 4

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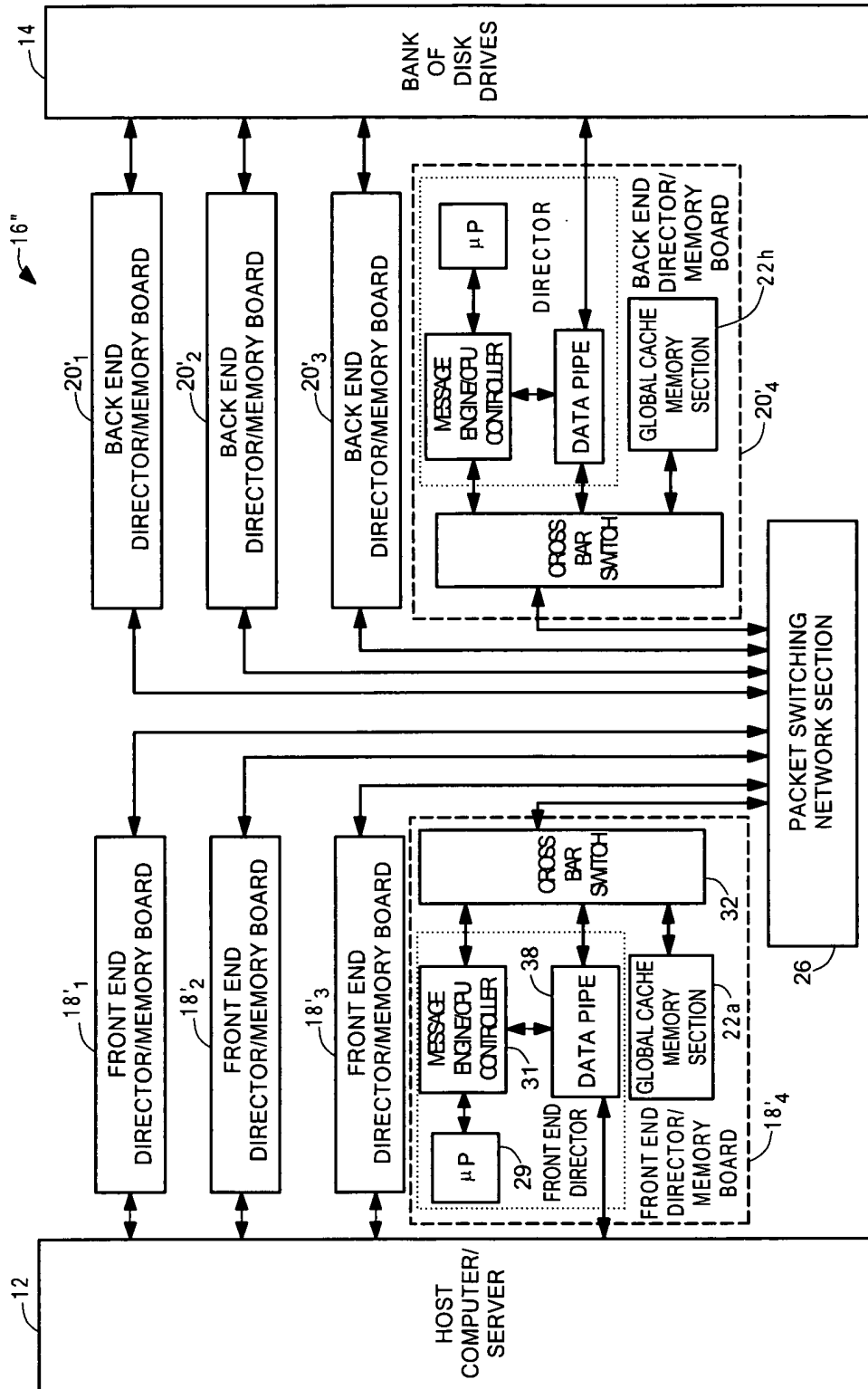


FIG. 5

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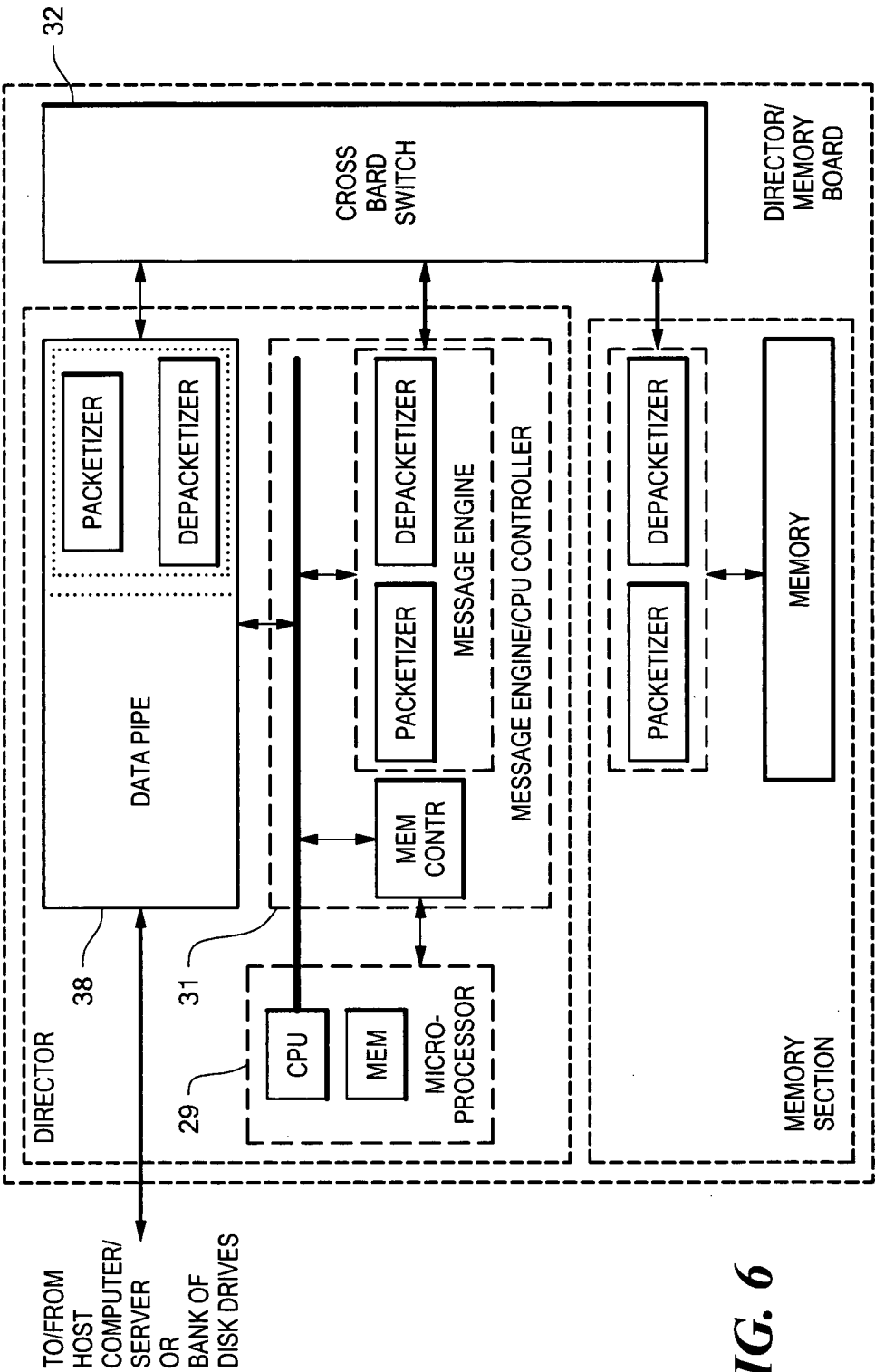


FIG. 6

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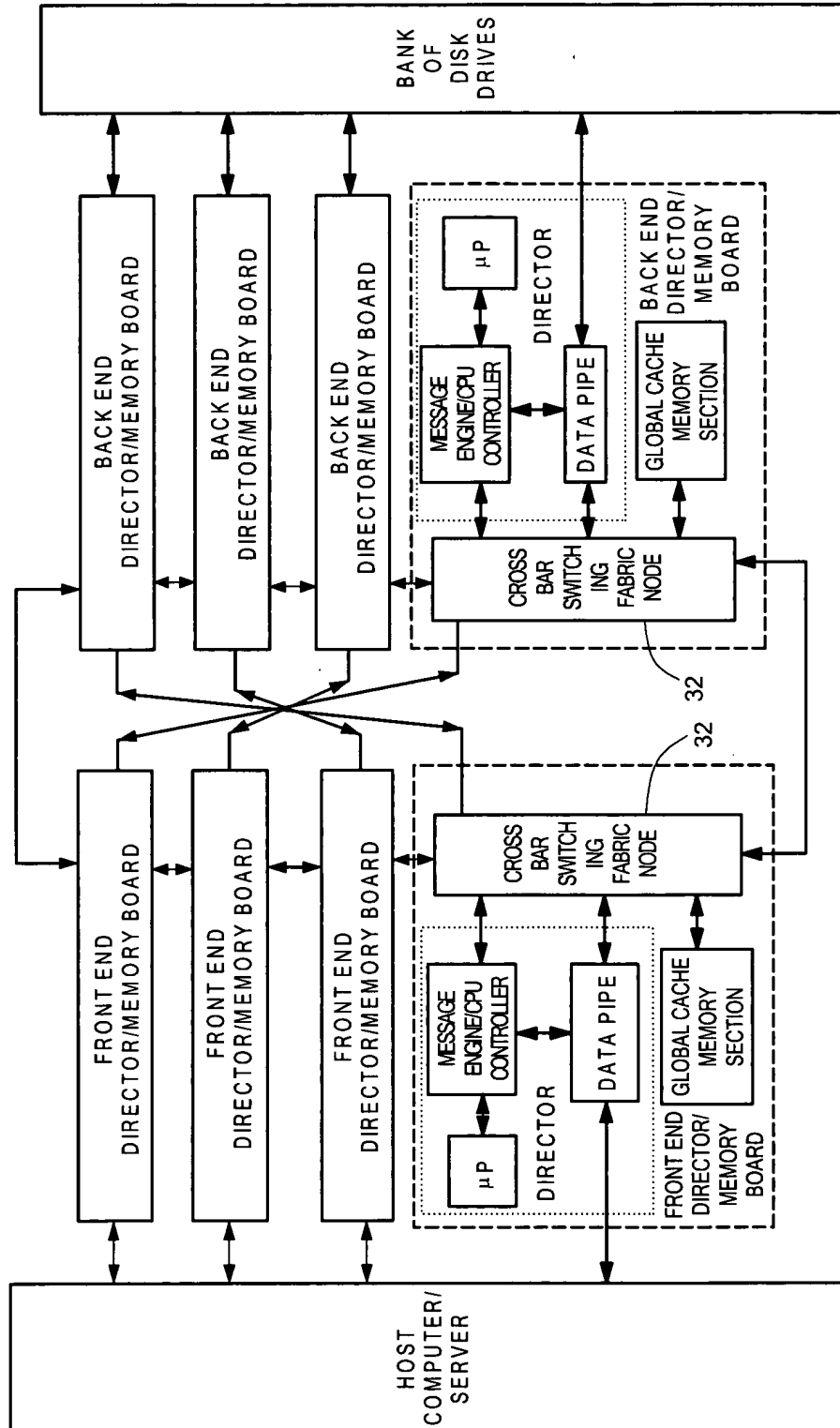


FIG. 7

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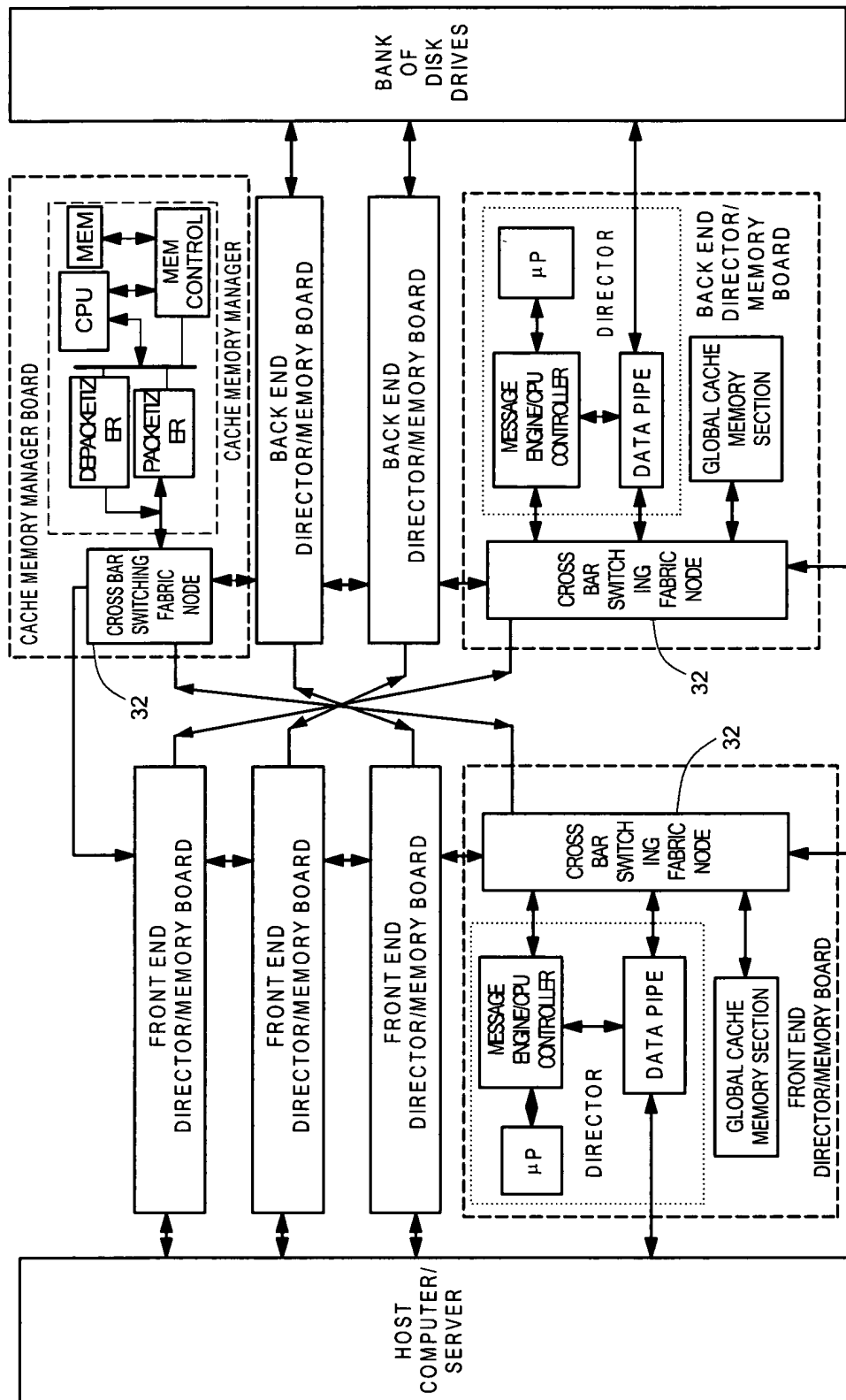


FIG. 7A

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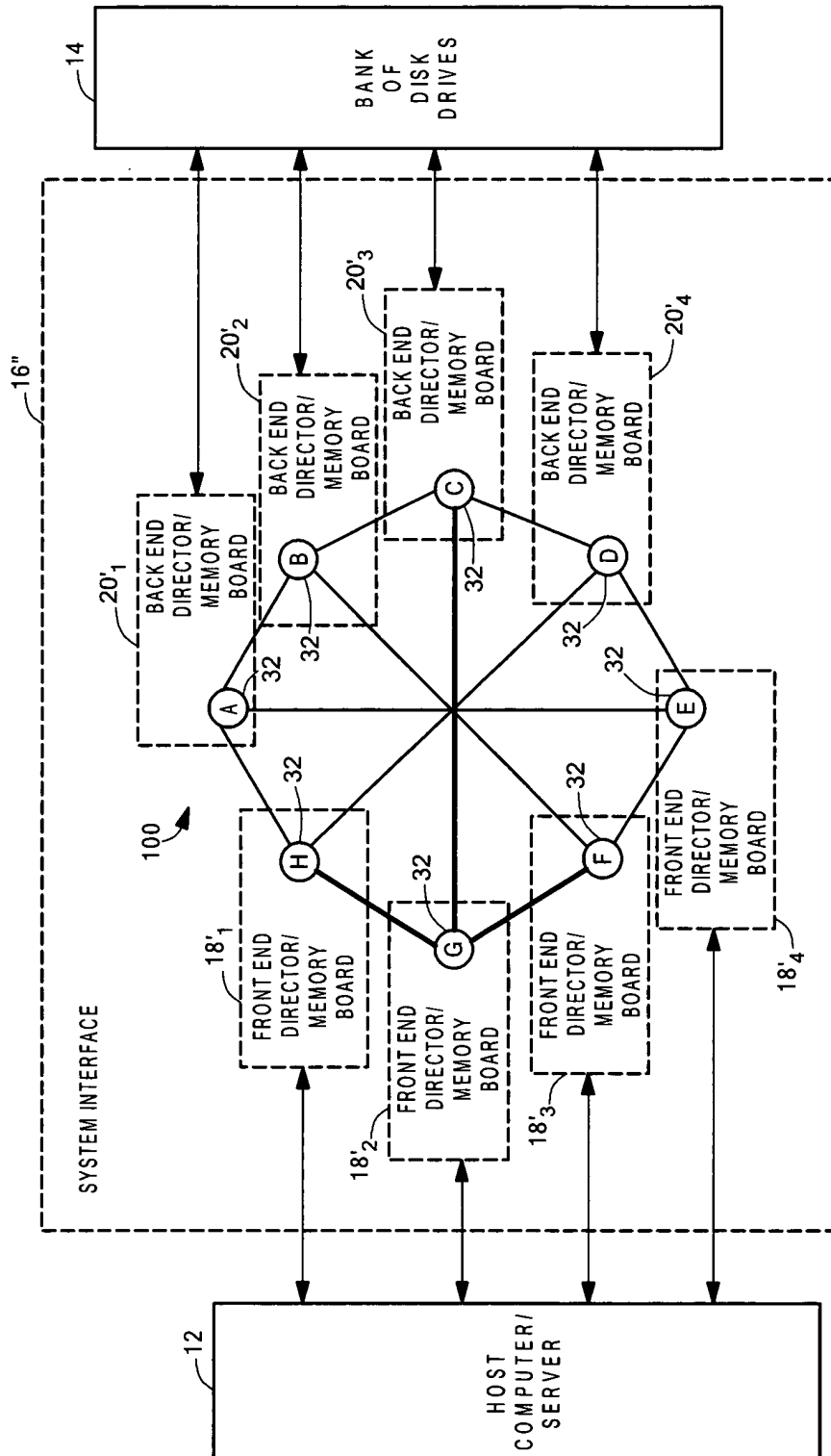


FIG. 8

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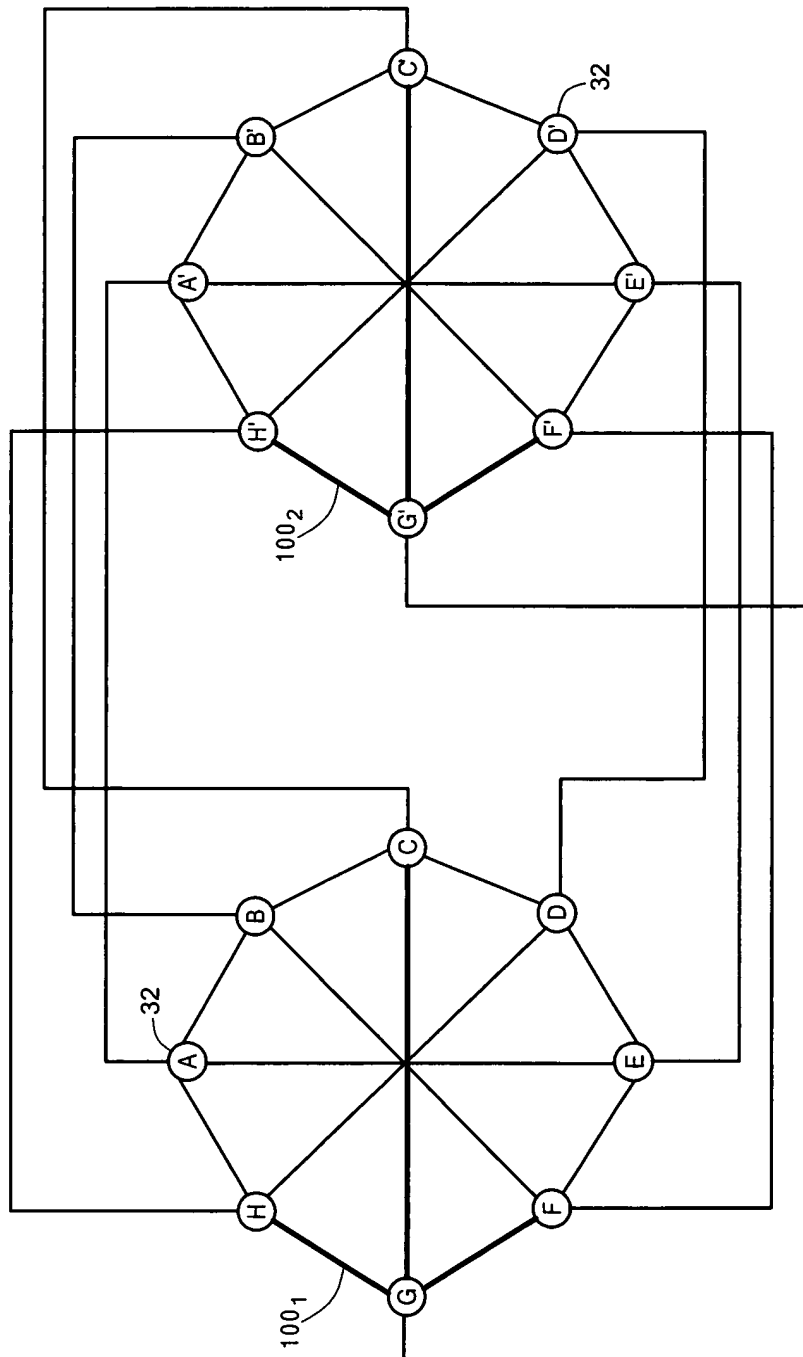
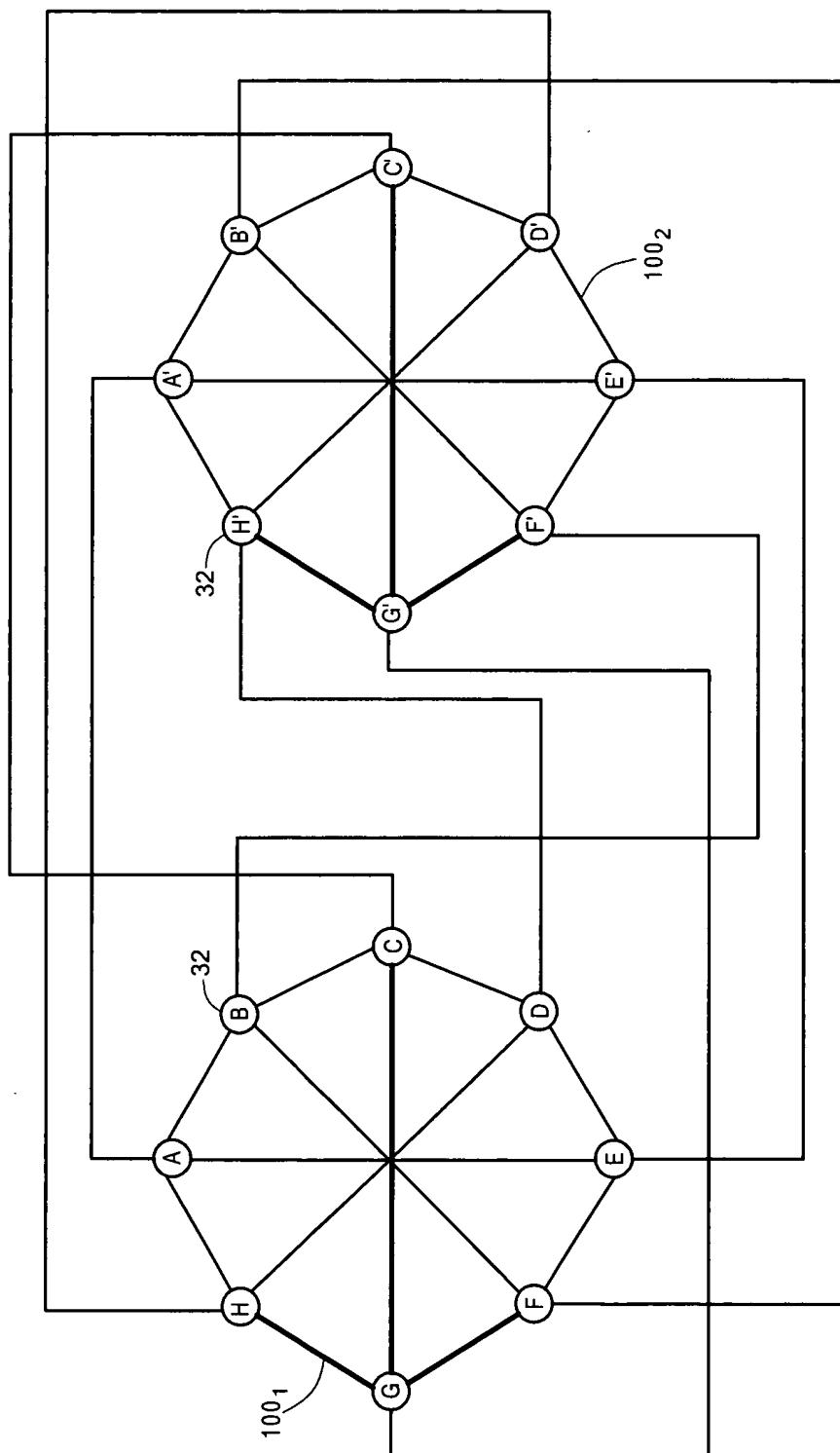


FIG. 9A

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FIG. 9B

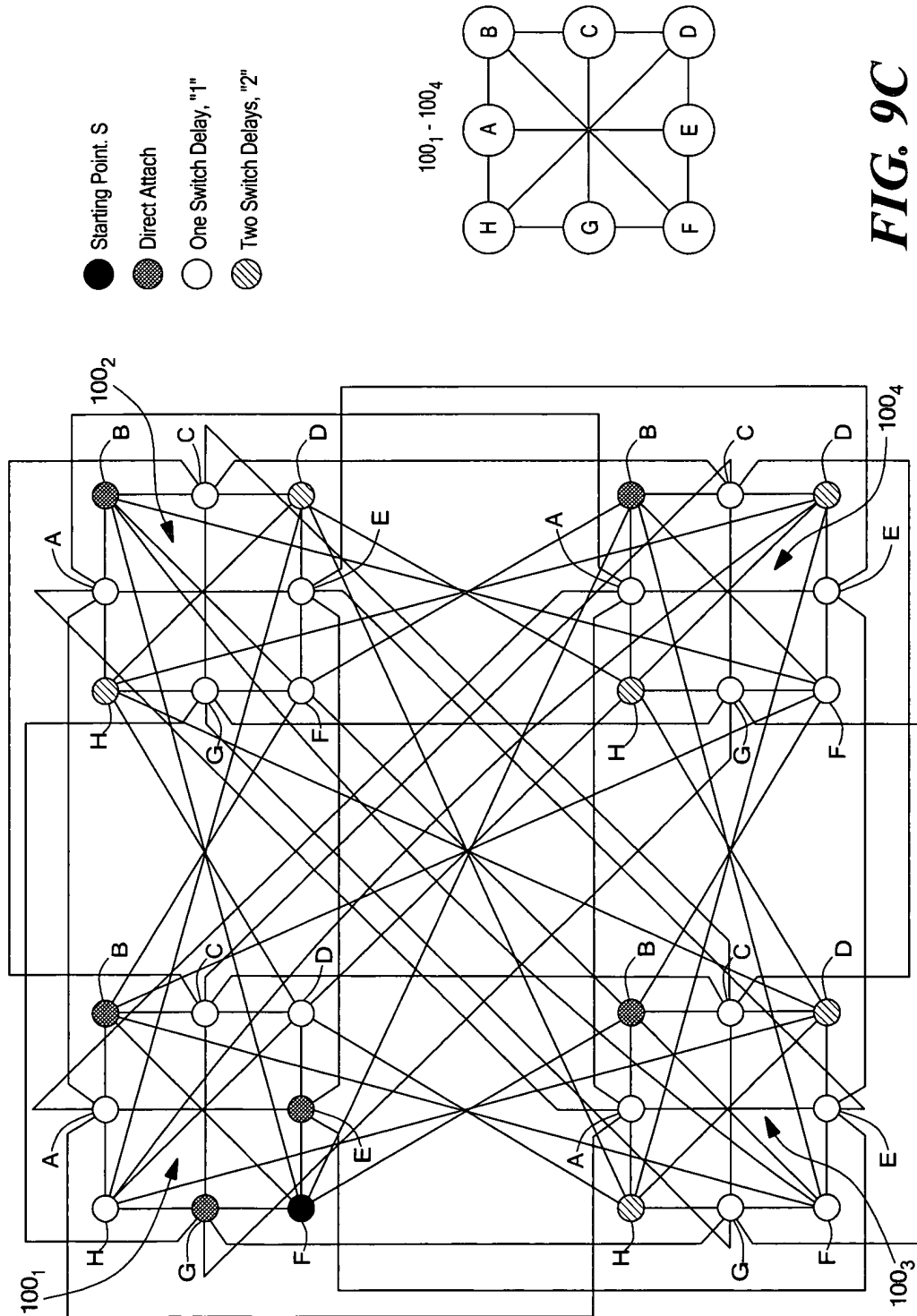


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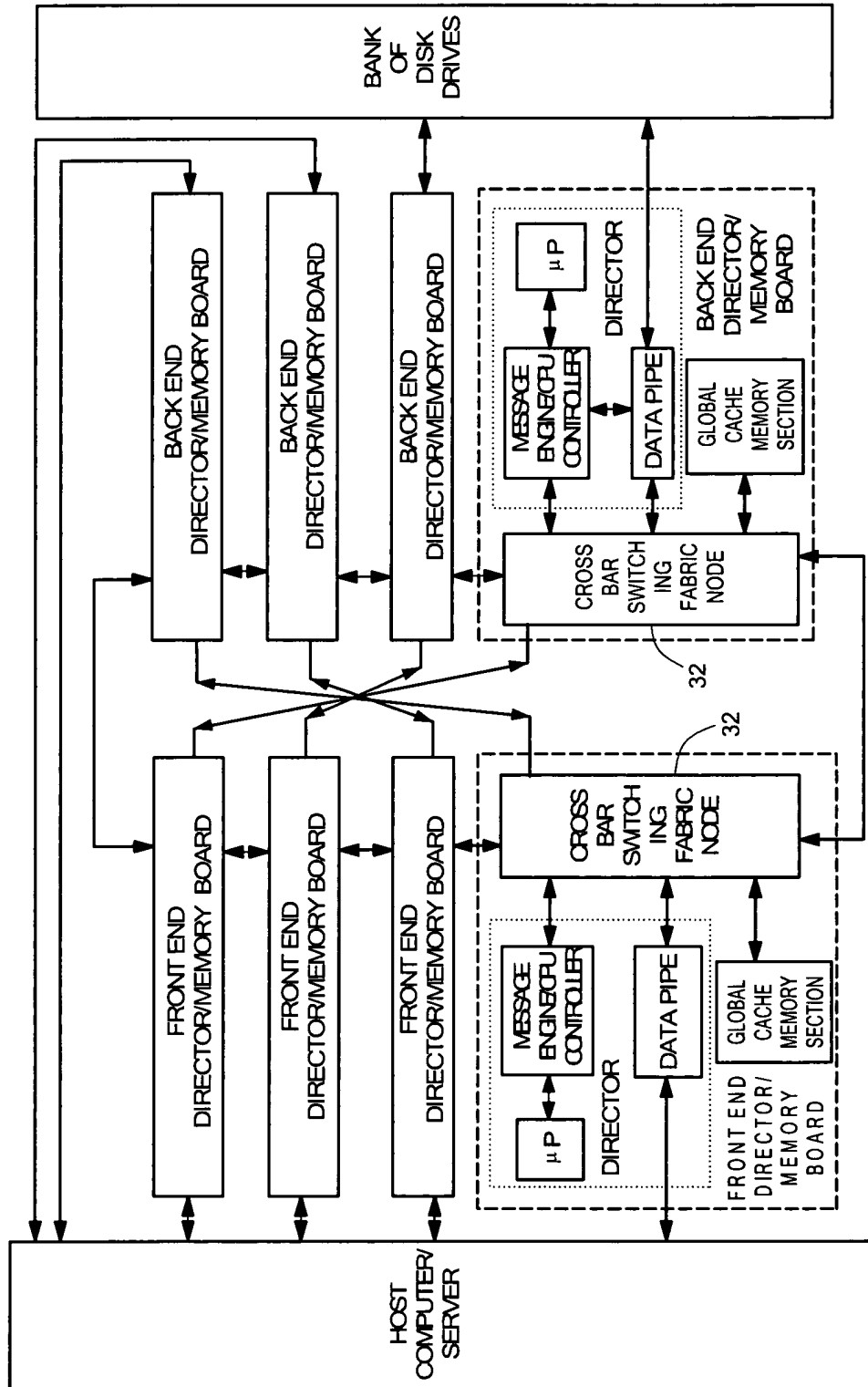


FIG. 10

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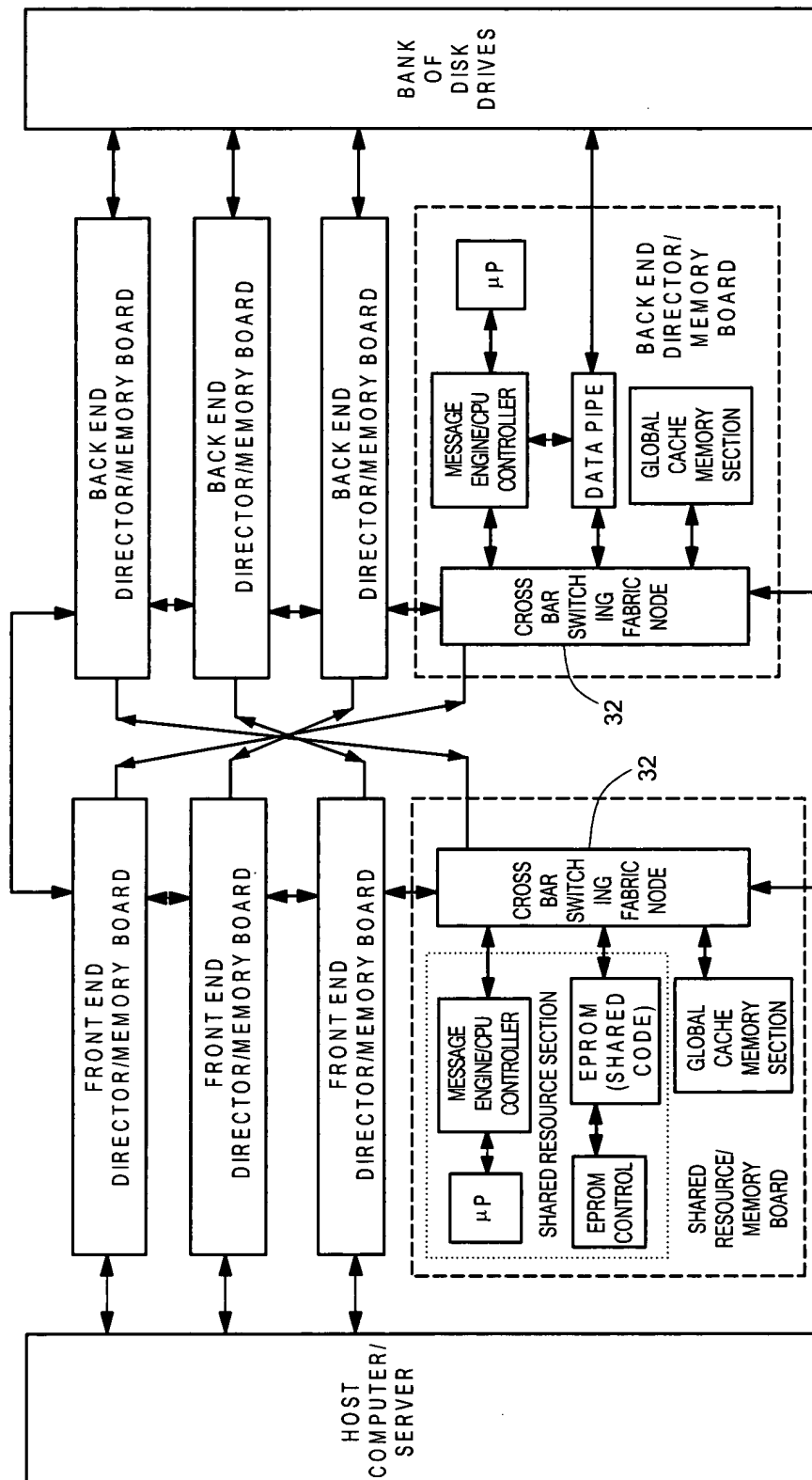


FIG. 11

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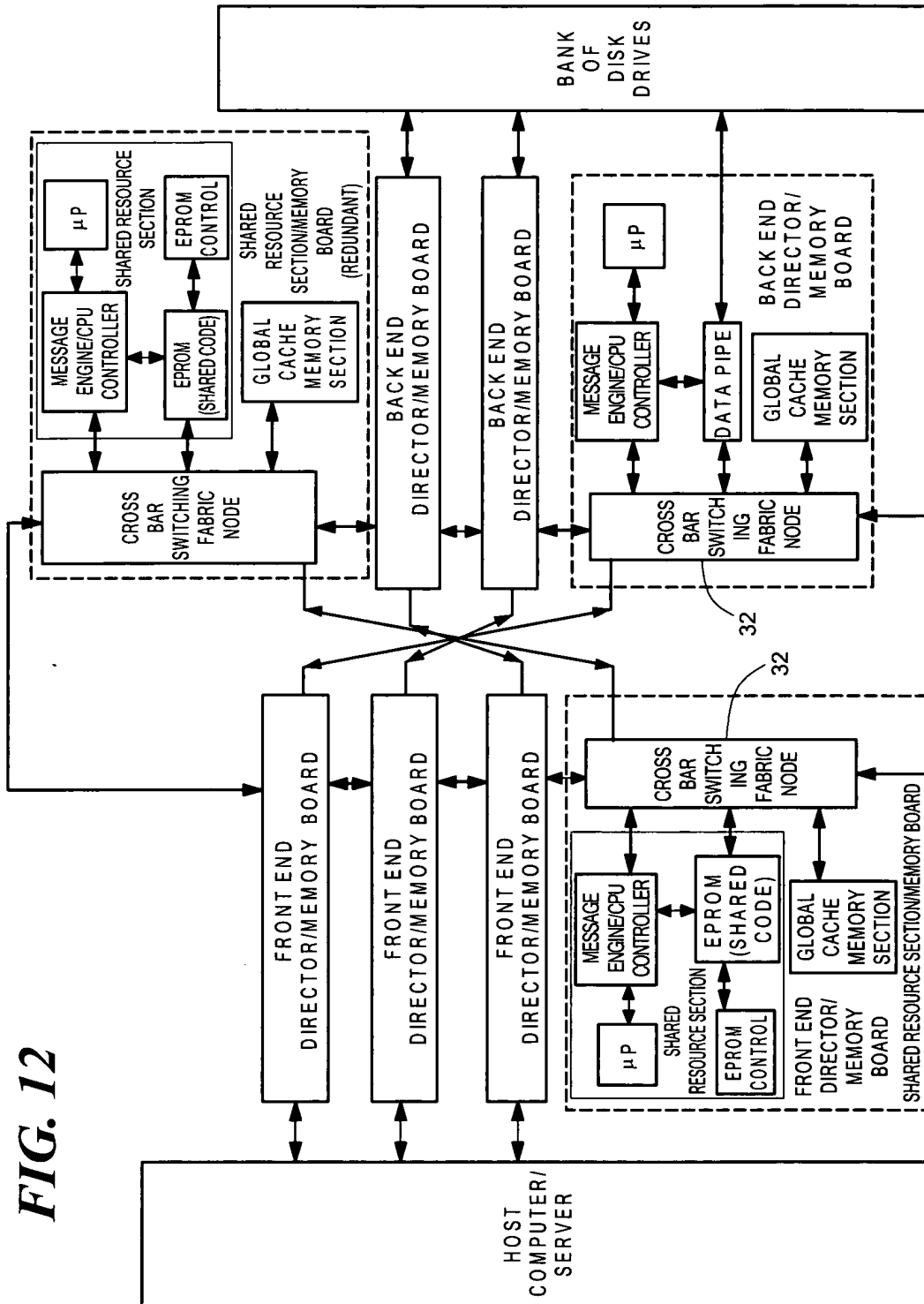


FIG. 12

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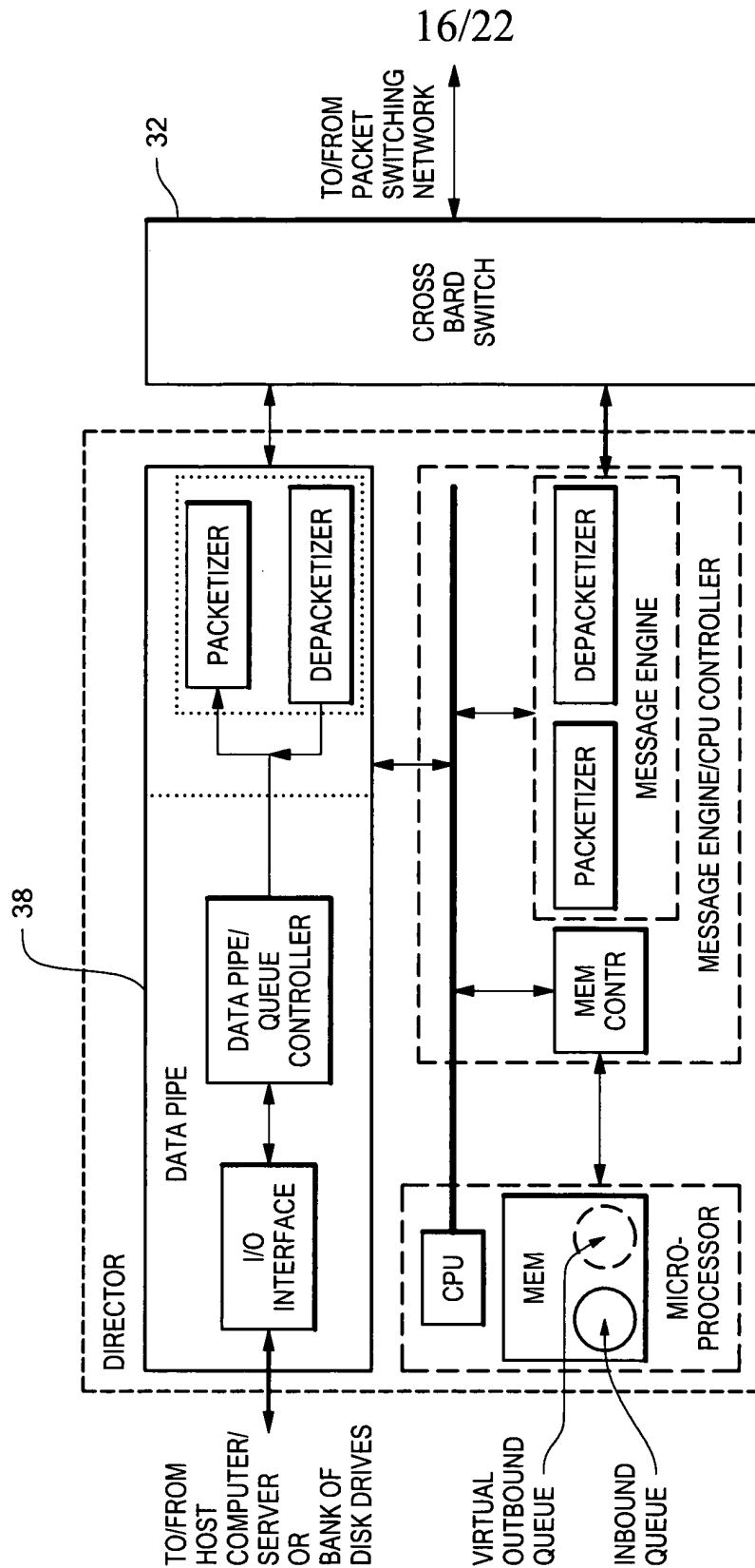


FIG. 13

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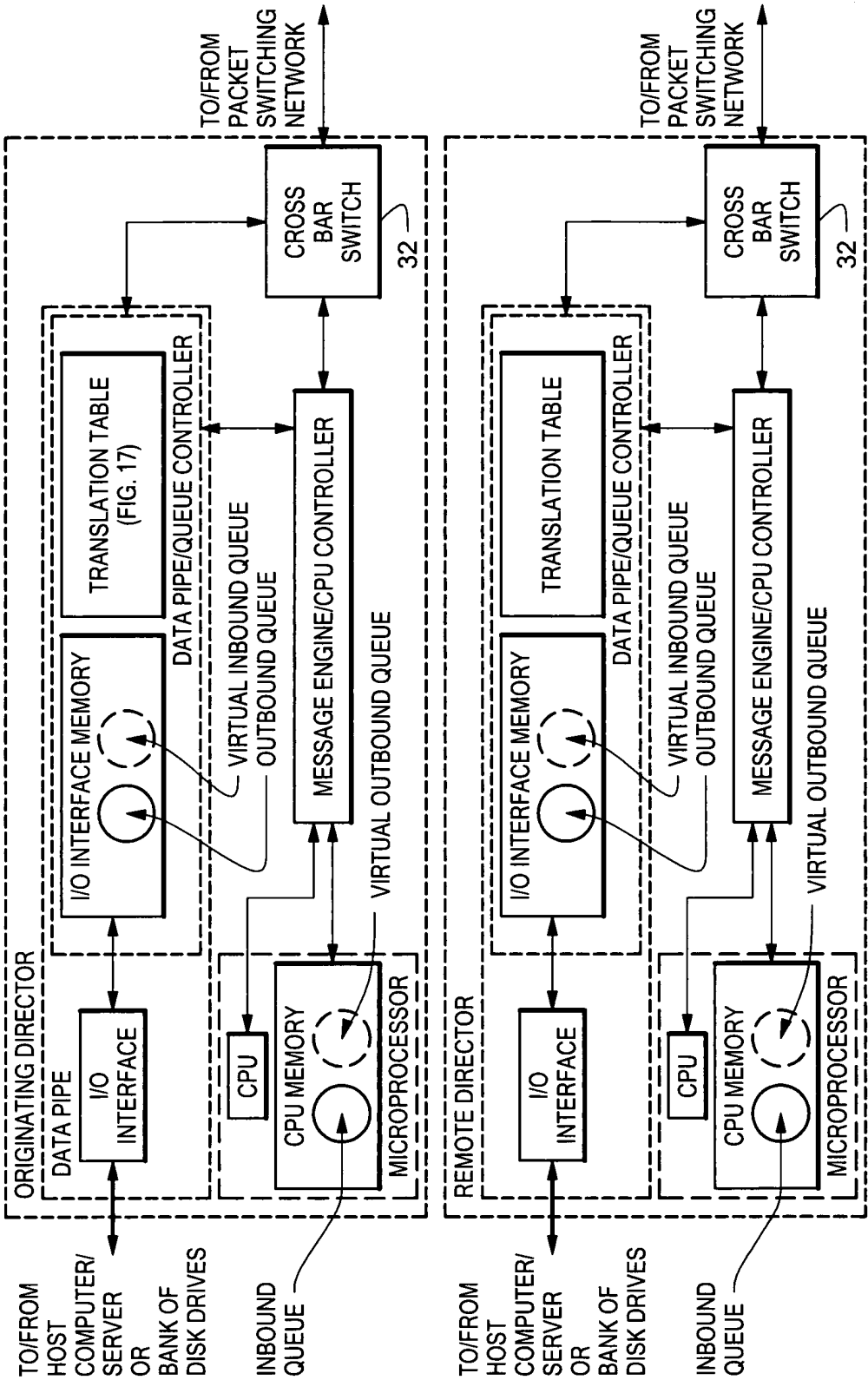


FIG. 14

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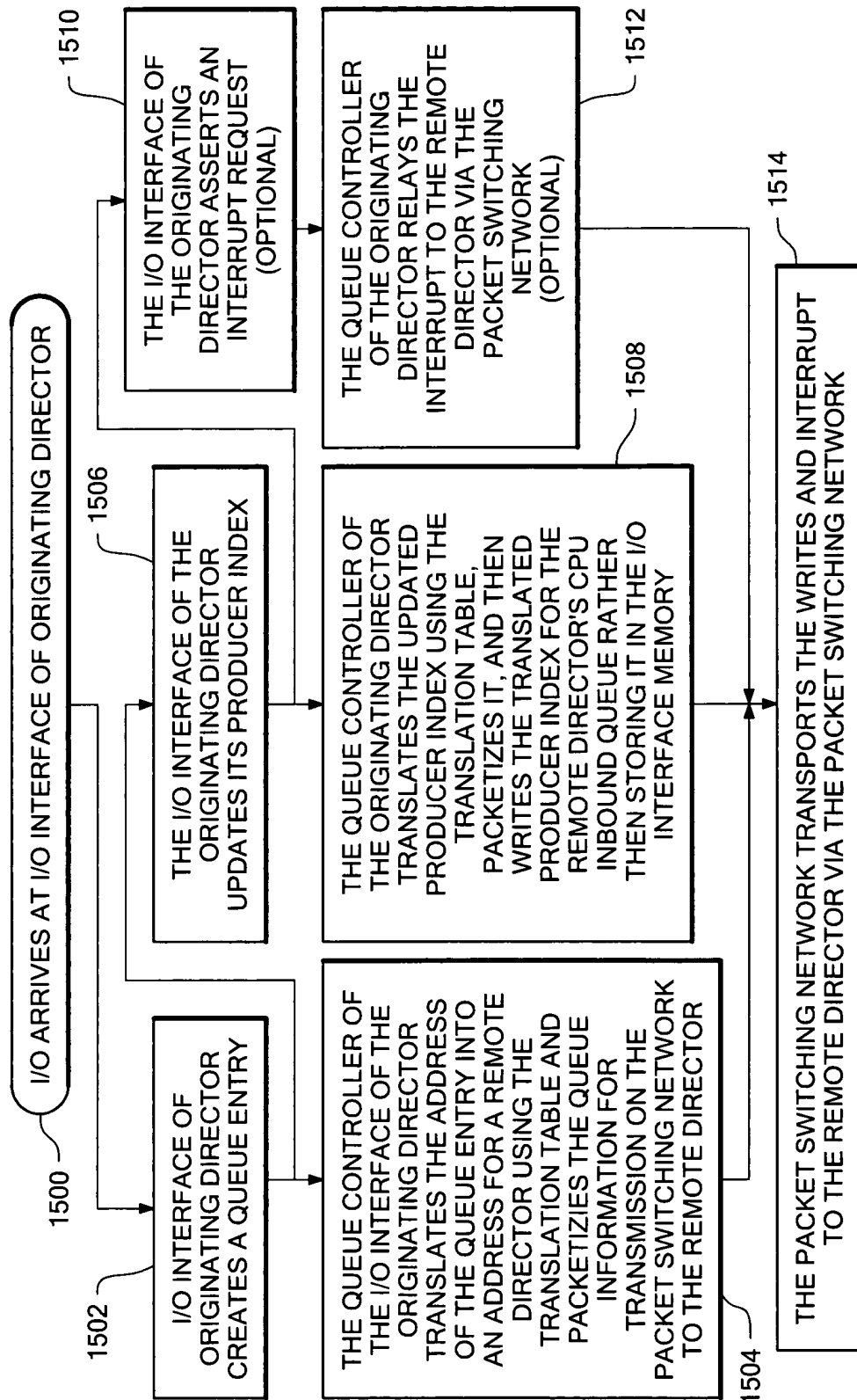


FIG. 15A

TO FIG. 15B

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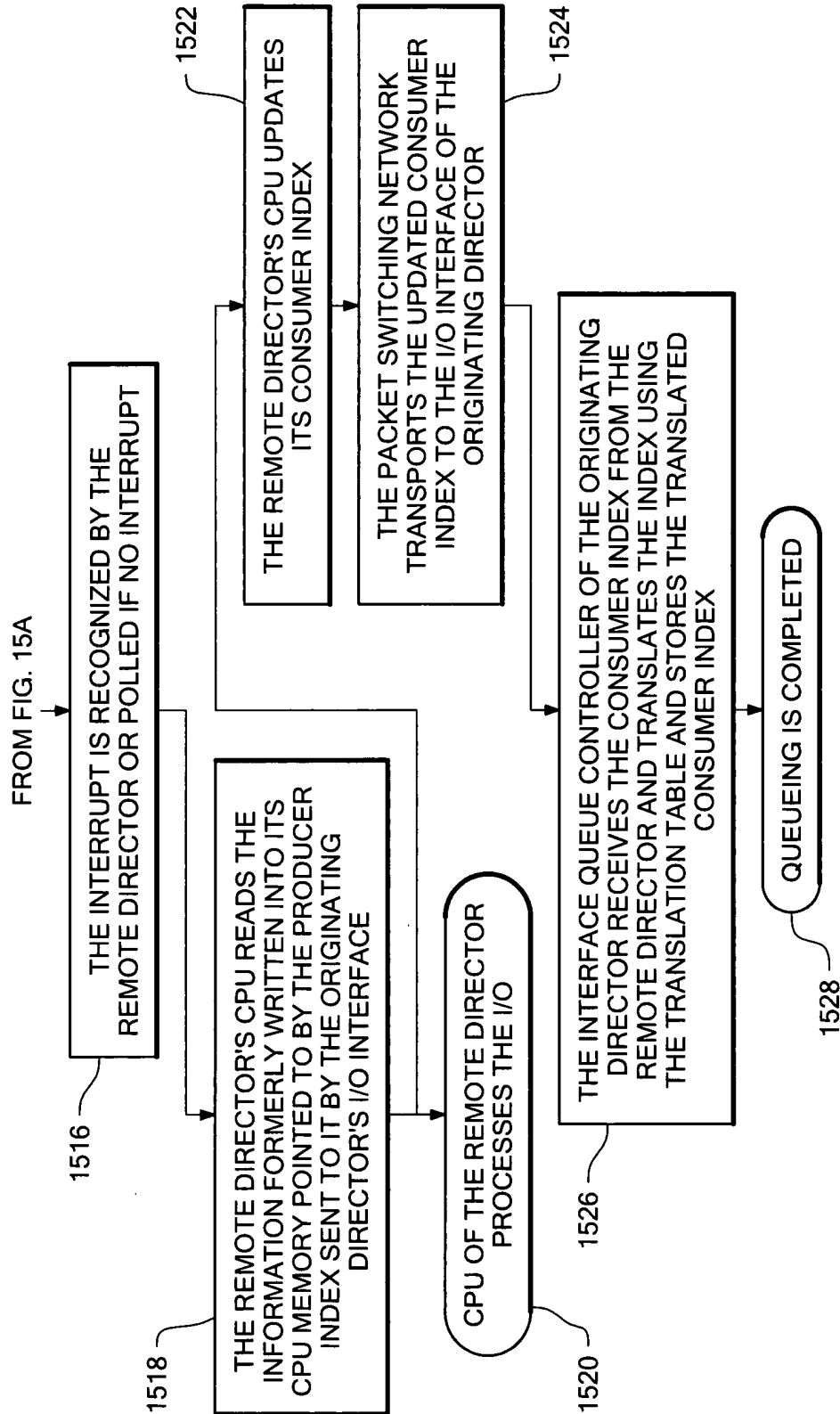


FIG. 15B

FIG. 16A

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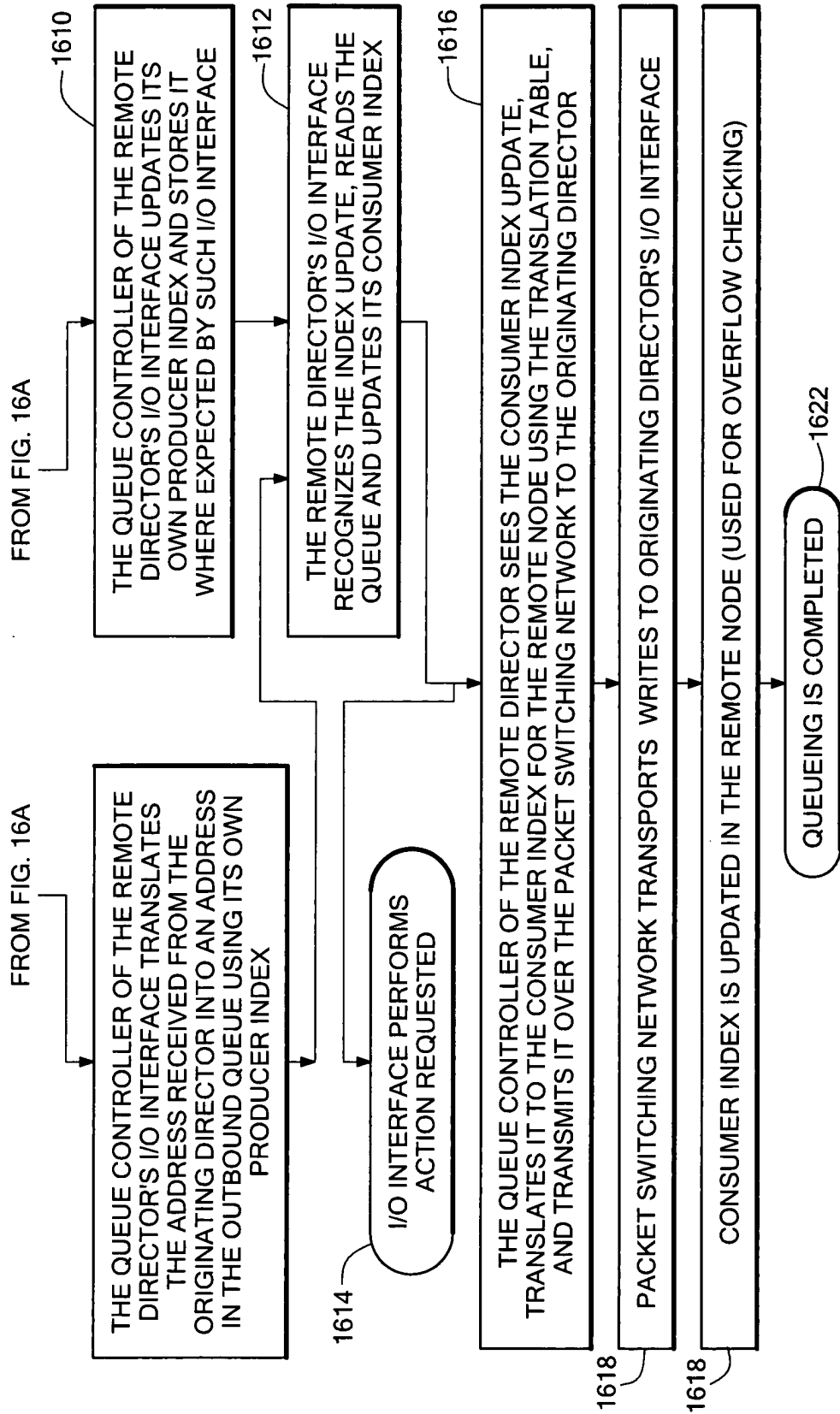


FIG. 16B

Translation Table Format

Address		Data		
f(x)	Remote CPU Number	Remote Producer Index	Remote Consumer Index	Misc. Remote Info
	Remote CPU Number	Remote Producer Index	Remote Consumer Index	Misc. Remote Info
	Remote CPU Number	Remote Producer Index	Remote Consumer Index	Misc. Remote Info
	Remote CPU Number	Remote Producer Index	Remote Consumer Index	Misc. Remote Info
	Remote CPU Number	Remote Producer Index	Remote Consumer Index	Misc. Remote Info
	Remote CPU Number	Remote Producer Index	Remote Consumer Index	Misc. Remote Info
	Remote CPU Number	Remote Producer Index	Remote Consumer Index	Misc. Remote Info
	Remote CPU Number	Remote Producer Index	Remote Consumer Index	Misc. Remote Info
	Remote CPU Number	Remote Producer Index	Remote Consumer Index	Misc. Remote Info
• • •				

FIG. 17